

10-9-01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002 OMB 0651-0032

U S Patent and Trademark Office, U S DEPARTMENT OF COMMERCE

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UTILITY PATENT APPLICATION TRANSMITTAL		Attorney Docket No. BOSTU 3.0-002 DIV
(Only for new nonprovisional applications under 37 CFR 1.53(b))		First Inventor John Murphy
		Title IDENTIFICATION OF VIRULENCE, etc.
		Express Mail Label No. EL804522809US

APPLICATION ELEMENTS		ADDRESS TO: U.S. Patent and Trademark Office Washington DC 20231
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See MPEP chapter 600 concerning utility patent application contents.

1. Fee Transmittal Form (e.g., PTO/SB/17)
(Submissions or drawings, and a duplicate for fee processing)

2. Application claims (small entity status
see 37 CFR 1.27)

3. Specification [Total Pages 46]

(prior to amendment set forth below)

- Descriptive title of the invention
- Cross Reference to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing or appendix
- Background of the Invention
- Brief Summary of the Invention
- Detailed Description
- Claims
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) [Total Sheets 3]

5. Oath or Declaration [Total Pages 4]

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional or CIP completed)

i. DELETION OF INVENTOR(S)
Signed statement attached deleting
inventor(s) named in the prior application.
see 37 CFR 1.63(d)(2) and 1.32(b)

6. Application Data Sheet. See 37 CFR 1.76

18. If a CONTINUATING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76.

Continuation Divisional Continuation-in-part (CIP) of prior application No.: 09/408,618

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:
 CD-ROM or CD-R (2 copies); or paper

c. Statements verifying identity of above copies

ACCOMPANYING APPLICATIONS PARTS

9. Assignment Papers (cover sheet & document(s))

10. 37 CFR 3.73(b) Statement Power of
(when there is an assignee) Attorney

11. English Translation Document (if applicable)

12. Information Disclosure Statement (IDS/PTO-1449) Copies of IDS
Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 603)
(Should be specifically itemized)

15. Certificate of Identities Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 36 U.S.C. 122 (b)(2)(B)(i).
Applicant must attach form PTO/SB/35 or its equivalent.

17. Other: _____

For CONTINUATION or DIVISIONAL APPS only. The entire disclosure of the prior application, from which any oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

<input checked="" type="checkbox"/> Customer Number or Bar Code Label			<input type="checkbox"/> Correspondence address below
000530			
Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	

Name (Print/Type)	Shawn P. Foley	Registration No. (Attorney/Agent)	33,071
Signature		Date	October 5, 2001

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FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 406.00)**Complete if Known**

Application Number			
Filing Date	HEREWITH		
First Named Inventor	John Murphy		
Examiner Name	Winkler		
Group Art Unit	1648		
Attorney Docket No.	BOSTU 3.0-002 DIV		

METHOD OF PAYMENT

1. The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 12-1095

Deposit Account Name Lerner, David, Littenberg,
Krumholz & Mertzlik, LLP

Charge Any Additional Fee Required Under
37 CFR 1.16 and 1.17 Applicant claims small
entity status. See
37 CFR 1.27

2. Payment Enclosed

Check Credit Card Money Order Other

FEES CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
105 740	201 370	Utility filing fee	370.00
106 330	206 165	Design filing fee	
107 510	207 258	Plant filing fee	
108 740	208 370	Reissue filing fee	
114 160	214 80	Provisional filing fee	
SUBTOTAL (1)		(\$ 370.00)	
2. EXTRA CLAIM FEES			
Total Claims	24	** =	4 X 9.00 = 36
Independent Claims	2	** =	0 X 42.00 = 0
Multiple Dependent			
SUBTOTAL (2) (\$ 36.00)			
3. ADDITIONAL FEES			
Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 84 202 42		Independent claims in excess of 3	
104 280 204 140		Multiple dependent claim, if not paid	
109 84 209 42		** Reissue independent claims over original patent	
110 18 210 9		** Reissue claims in excess of 20 and over original patent	
SUBTOTAL (3) (\$ 0.00)			

*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$ 0.00)

SUBMITTED BY

Complete (if applicable)

Name (print/type)	Shawn P. Foley	Registration No. (Attorney/Agent)	33,071	Telephone	(908) 518-6346
Signature	<i>Shawn P. Foley</i>			Date	October 5, 2001